

FIG. 1

0832709.032197

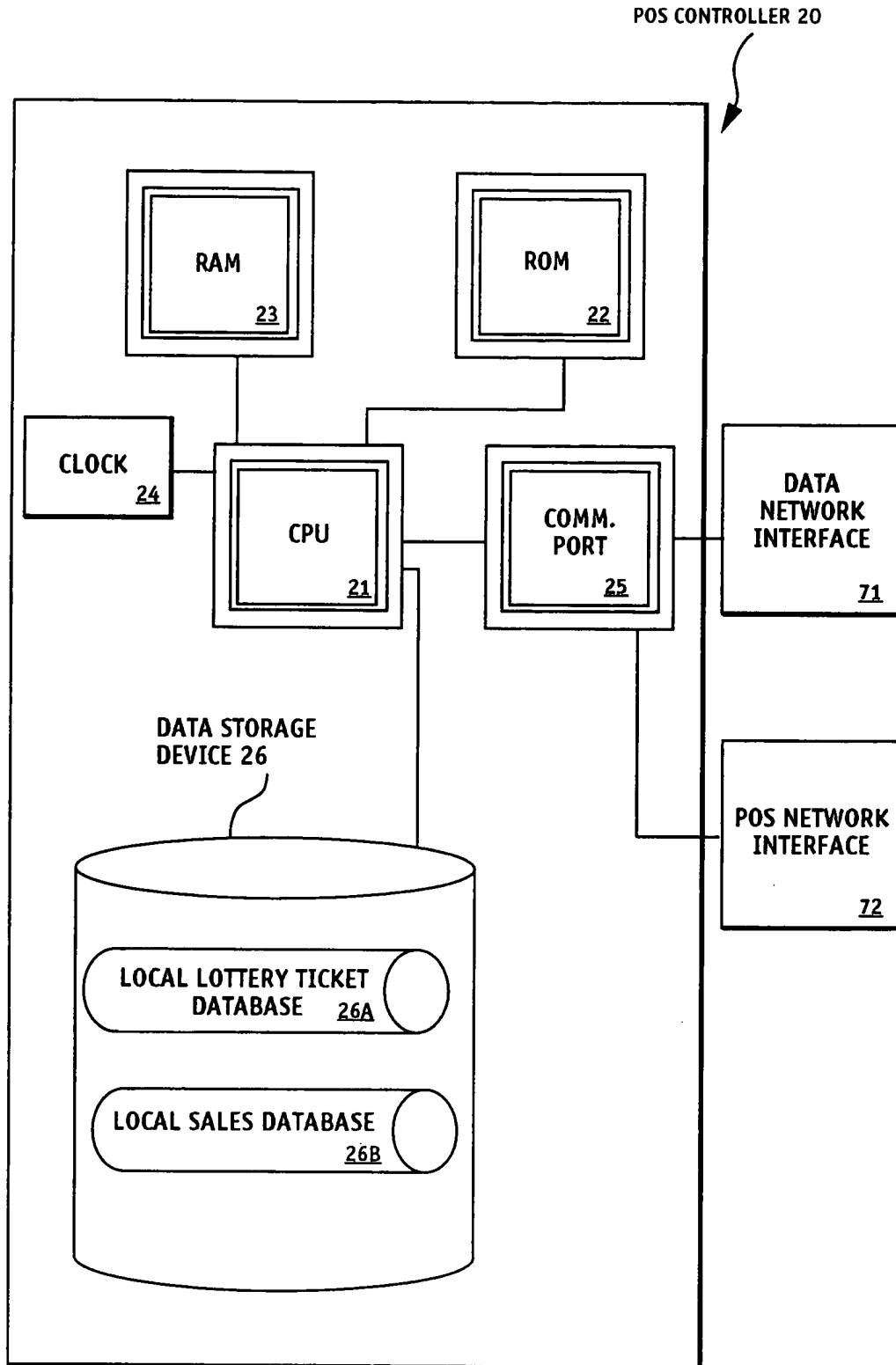


FIG. 2

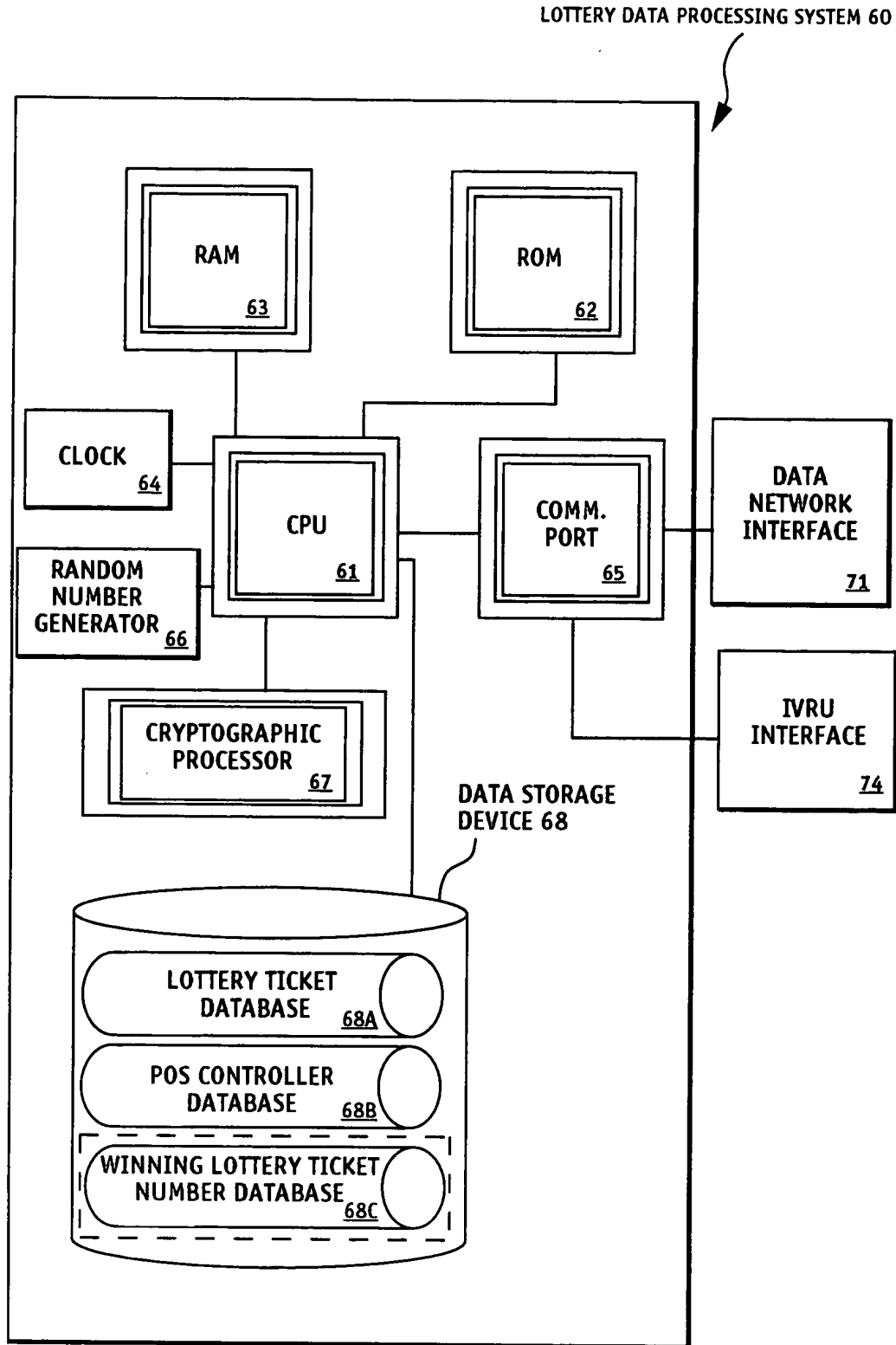
03822709.032197

The diagram illustrates the internal architecture of a POS terminal 30. The components and their connections are as follows:

- RAM 33** and **ROM 32** are connected to the **CPU 31**.
- The **CPU 31** is connected to the **CLOCK 34**, **DISPLAY DEVICE 38**, **INPUT DEVICE 37**, and **COMM. PORT 35**.
- The **DISPLAY DEVICE 38** is also connected to the **PRINTER 39**.
- The **COMM. PORT 35** is connected to the **POS NETWORK INTERFACE 72**.
- The **CPU 31** is connected to the **DATA STORAGE DEVICE 36**.

```
graph TD
    CPU[CPU 31] --- RAM[RAM 33]
    CPU --- ROM[ROM 32]
    CPU --- CLOCK[CLOCK 34]
    CPU --- DISPLAY[DISPLAY DEVICE 38]
    CPU --- INPUT[INPUT DEVICE 37]
    CPU --- COMM[COMM. PORT 35]
    CPU --- STORAGE[(DATA STORAGE DEVICE 36)]
    DISPLAY --- PRINTER[PRINTER 39]
    COMM --- NETWORK[POS NETWORK INTERFACE 72]
```

FIG. 3



LOCAL LOTTERY TICKET DATABASE 26A



R1

DATE	SALES RECEIPT NUMBER	NUMBER OF TICKETS PURCHASED	SALE AMOUNT	LOTTERY TICKET NUMBERS
<u>F1</u>	<u>F2</u>	<u>F3</u>	<u>F4</u>	<u>F5</u>
1/15/97	4532	1	\$1.00	01 12 34....
1/15/97	4533	4	\$4.00	02 07 23 01 17 46 11 34 56 22 33 44
1/15/97	4534	1	\$0.68	33 17 92



FIG. 5

08822709-032497

LOTTERY TICKET DATABASE 68A

POS CONTROLLER
ID # 33456

POS CONTROLLER
ID # 43456

R2

POS CONTROLLER ID NUMBER F6	DATE F7	NUMBER OF TICKETS PURCHASED F8	SALES RECEIPT NUMBER F9	SALE AMOUNT F10	LOTTERY TICKET NUMBERS F11	CRYPTOGRAPHIC CODE F12
23456	1/15/97	4	3343	\$4.00	01 10 20 11 21 31	5436848759 400006887
23456	1/15/97	1	4533	\$1.00	02 07 23 ... 01 17 46 ...	7493027564 393857033
23456	1/15/97	1	4534	\$0.68	33 17 92 ...	54665568757 6767666676

FIG. 6

03822709.032197

A diagram of a rectangular block with a curved line on its right side, labeled R3.

FIG. 7

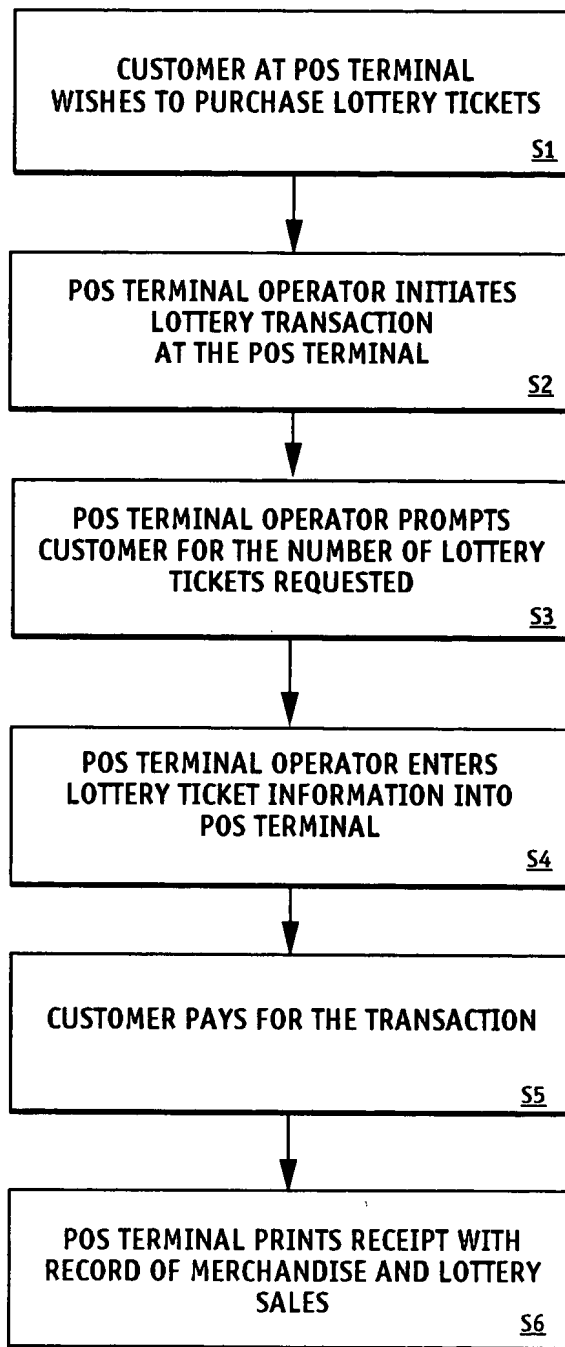


FIG. 8

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MINI-MART GROCERY STORE

FRUIT	2.50
BEVERAGES	15.00
BREAD	4.50
VEGETABLES	1.00
DAIRY	3.50
CEREAL	12.50
STEAK	35.00
VEAL	25.00
LOTTERY TICKETS	3.68
TAX	5.32
TOTAL	\$108.00

CONNECTICUT
L O T T E R Y

PRICE

TICKET 1	\$1	01 10 20 30 36 39
TICKET 2	\$1	11 21 24 25 32 33
TICKET 3	\$1	07 09 11 13 15 17
TICKET 4	\$0.68	08 13 15 16 27 41

STORE ID #: 23456

RECEIPT #: 3343

DATE: 1/15/97

TIME: 4:20 PM

PRICE: \$3.68

CALL 1-800 XXX-XXXX FOR INFORMATION
REGARDING RESULTS, QUESTIONS, AND
AUTHENTICATION

***** 5765685699 *****

***** 4040545886 *****

AUTHENTICATION CODE

FIG. 9

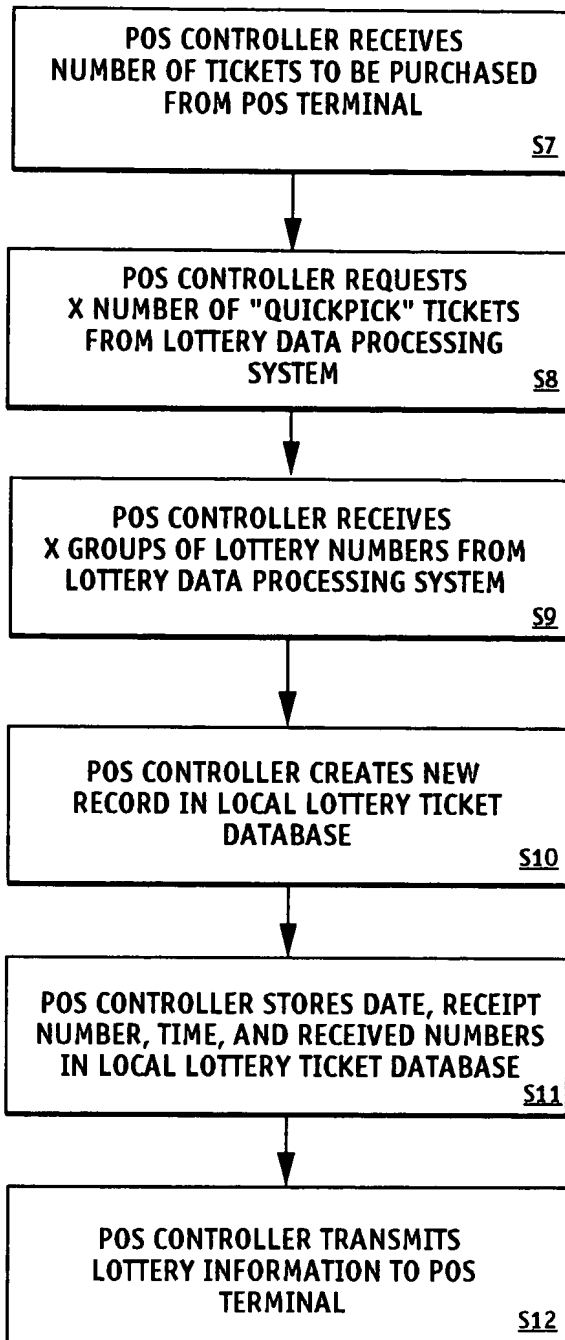


FIG. 10

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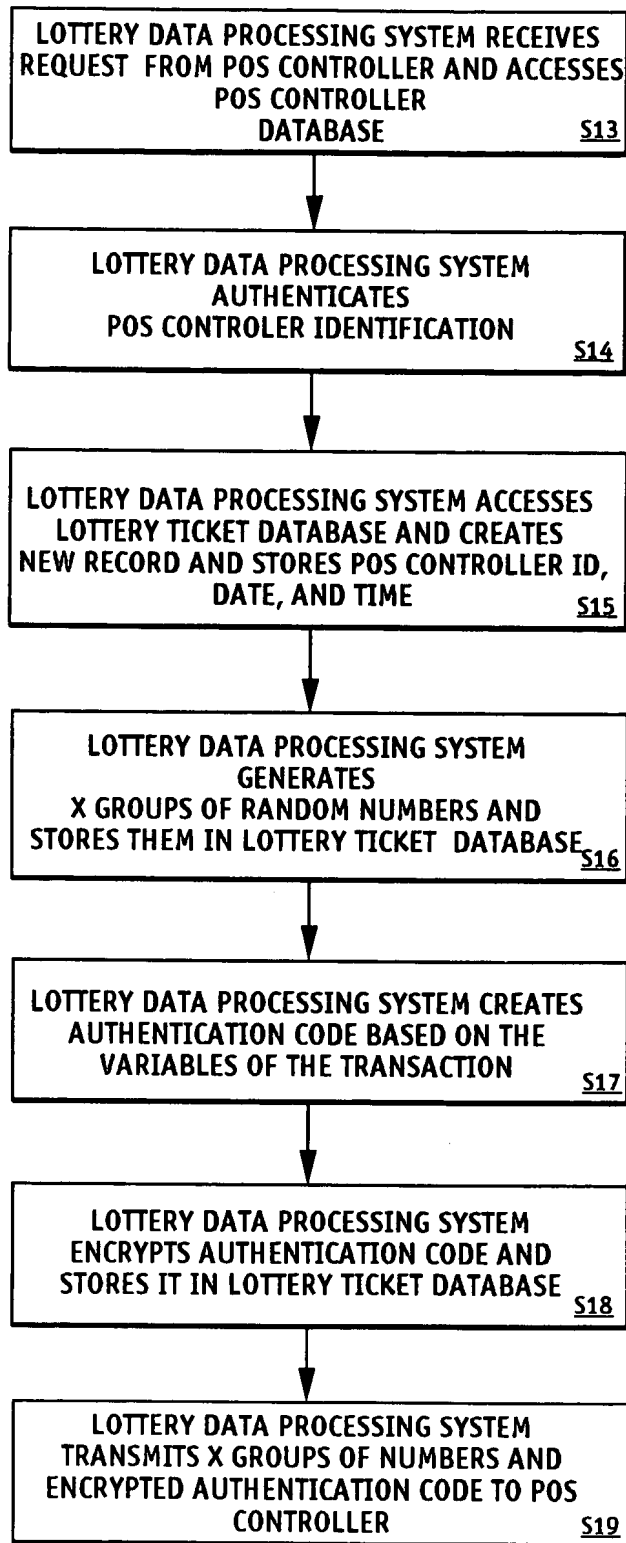


FIG. 11

03822709.03249
467350 60422830

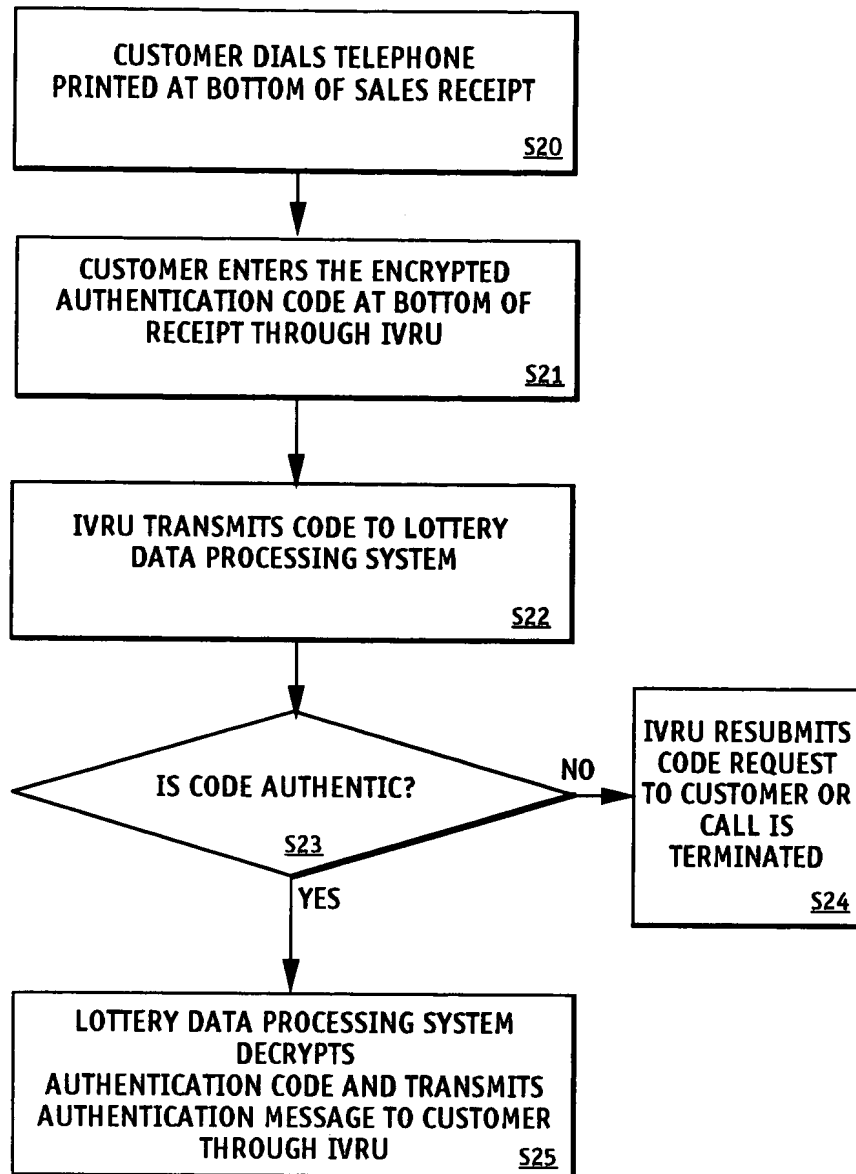


FIG. 12